Flagship – VisionF 82

Potential reason for the fire and only observations I had noticed onboard in comparison to my previous visit 25th of April 2024

The battery charger with image below, was delivered with Flagship from Turkey to charge the 24v batteries. This charger was plugged into the 220V, 50hz outlet onboard. It was removed and put in storage for the boat show as the solar power was keeping the batteries alive.

The two image immediately left below are once the unit had been reinstalled by RMK, they requested a charger for the 24v batteries and instead of buying a new charger, I informed them that we had this one from before and they would just need to check to see if it would work. They did and installed it.

The image on the right/above is an online extracted image of charger. The serial number does not match the unit installed.

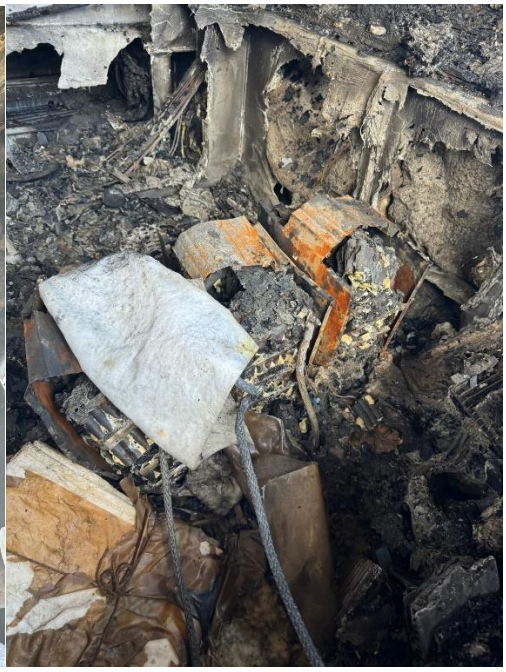
Moreover, The charger clearly stated 50hz only.

See two orange cables on the image to the left, charging connected to positive and negative on the MG Lynx bus bar to charge all 3.

Note that the contact has been bypassed by RMK on all batteries still allowing charging from the 48v down to the 24v.

All 24v and 48v contactor switches were bypassed.

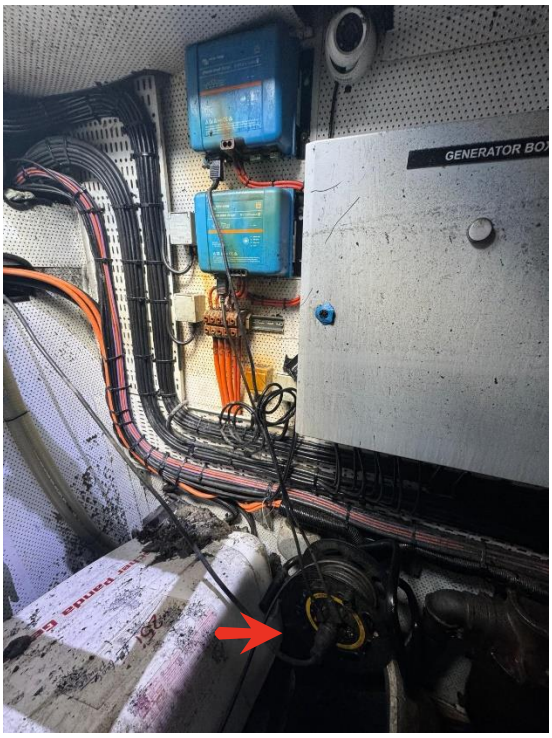
The charger was plugged into the boat's inversion system in the engine room. Observed by me.



Location of the 3 x 24v batteries – Aft cockpit

Charger was installed on the left of the batteries where the brown bag with a towel inside is located (bottom left image). you can still see the housing under brown bag.

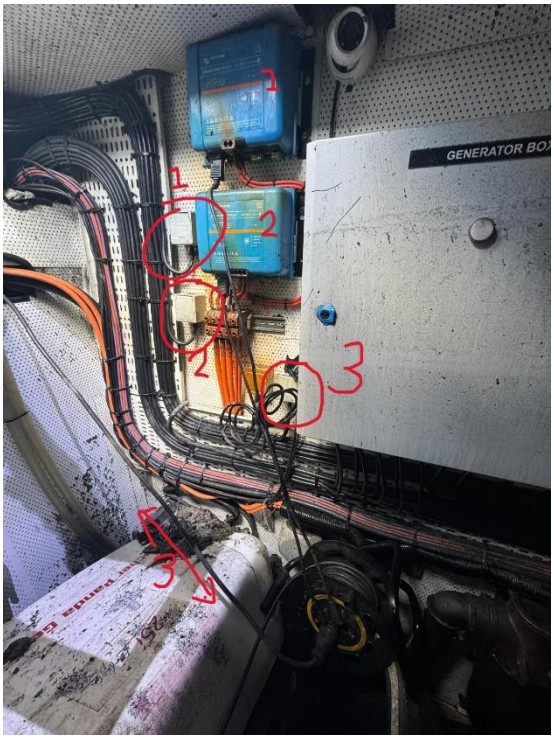
MG Lynx (bypassed contactor switch) stated above was on the bulkhead 1 ft forward of the far right battery, (immediate left image)



When I was onboard advising the Seatow employees where seacocks were located, I noticed this extension cord in the engine room. May 3rd 2024 at 2:48pm

See image to the left with red arrow depicting black extension cord

I had never seen this extension before that day.



Each charger had a stand alone outlet that was powered by the yacht's inversion.

1 – 24v Main engine battery charger

2 – 12v Generator battery charger

3 – Orange 24v charger stated above.

When I asked RMK where this extension cord was plugged in, Flagship RMK overseeing manager promptly told me shore, 220v – 60hz.